

318-60151



Article Number: 318-60151

Description: Heat Shrink Tubing, 4' Long Stick, Adhesive Lined, 3:1 Shrink Ratio, 3/16", 4.8/1.5 Dia, PO, Black, 20/pkg

Base Data	Local Order Number	318-60151
	Type	TAN33-ST-4.8/1.5 BK
	Color	Black (BK)
	Features and Benefits	<ul style="list-style-type: none"> • Adhesive lining provides an excellent seal against moisture and humidity. • 3 to 1 shrink ratio accommodates a wide range of component shapes and diameters, while thin exterior wall is very flexible and provides superior insulation. • Meets UL224 VW-1 specifications making it ideal high heat applications (excludes clear tubing). • Polyolefin material provides mechanical strength with good resistance to solvents, oils and fuels.
	Quantity Per	pack
	Product Description	TAN33 is a flexible, thin wall adhesive lined heat shrink tubing with highly flame retardant properties. The 3 to 1 shrink ratio accommodates a wide range of component shapes and diameters. The adhesive lining begins to activate as the temperature reaches 176° F (80° C), to create a strong seal against moisture and humidity. 4-foot sticks are individually labeled for retail.
	Short Description	Heat Shrink Tubing, 4' Long Stick, Adhesive Lined, 3:1 Shrink Ratio, 3/16", 4.8/1.5 Dia, PO, Black, 20/pkg
Product Dimensions	Length L (Imperial)	4.0ft
	Length L (Metric)	1.22m
	Printable (Yes/No)	No
	Shrink Ratio	3:1
	Trade Size	3/16 "
	Variant	Thin-Wall
	Volume Resistance (Ohm cm)	10 ¹⁴ Ω cm
	Nominal Diameter (Imperial)	3/16"
	Nominal Diameter (Metric)	4.8mm
	Wall Thickness WT (Imperial)	.039"
	Wall Thickness WT (Metric)	1.00mm
	Recovered Diameter d (metric)	1.5mm

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Product Dimensions	Recovered Diameter d (imperial)	0.059"
	Supplied Diameter D (imperial)	0.189"
	Supplied Diameter D (metric)	4.8mm
Material and Specifications		
	Material	Polyolefin, cross-linked (PO-X)
	Material Shortcut	PO-X
	Elongation at break	400%
	Halogenfree	No
	Shrink Temperature	+212 °F (+100 °C)
	Operating Temperature	-67°F to +257°F (-55°C to +125°C)
	ROHS Compliant	Yes
	UL Recognized (US)	Yes
Logistic and Packaging		
	Package Quantity (Imperial)	20
	Package Quantity (Metric)	20
	Customs Number(Schedule B)	3926909987